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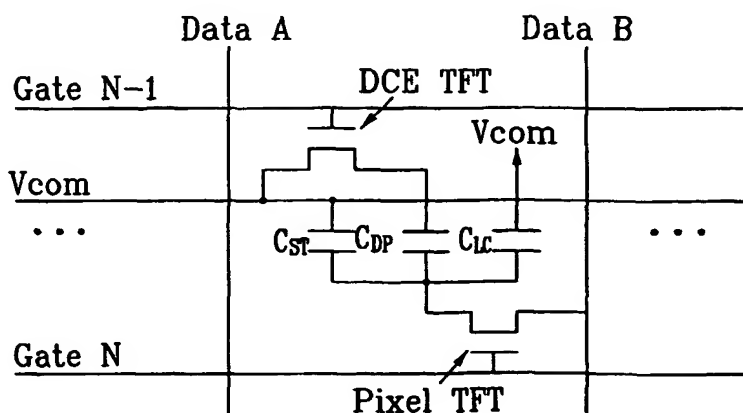
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MULTI-DOMAIN LIQUID CRYSTAL DISPLAY AND A THIN FILM TRANSISTOR SUBSTRATE OF THE SAME



(57) Abstract: A thin film transistor array panel is provided, which includes: a gate wire formed on an insulating substrate; a data wire formed on the insulating substrate, insulated from the gate wire, and intersecting the gate wire; a storage electrode wire formed on the insulating substrate, insulated from the data wire, and intersecting the data wire; a plurality of pixel electrodes provided on the respective pixel areas defined by the intersections of the gate wire and the data wire, each pixel electrode having a cutout; a plurality of direction control electrodes provided on the respective pixel areas defined by the intersections of the gate wire and the data wire; a plurality of first thin film transistors connected to the gate wire, the data wire,

and the pixel electrodes; and a plurality of second thin film transistors connected to the gate wire, the storage electrode wire, and the direction control electrodes.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR02/01392

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 G02F 1/136

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G02F, H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

KR, JP: as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PAJ " semiconductor""line""gate" " x type" " 1st line""2nd line" "3rd line""amorphous silicon" "insulator"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | JP 55-7126 (HITACHI LTD) 30, July, 1980 see whole documents | 1-16 |

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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"&" document member of the same patent family

Date of the actual completion of the international search

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None